

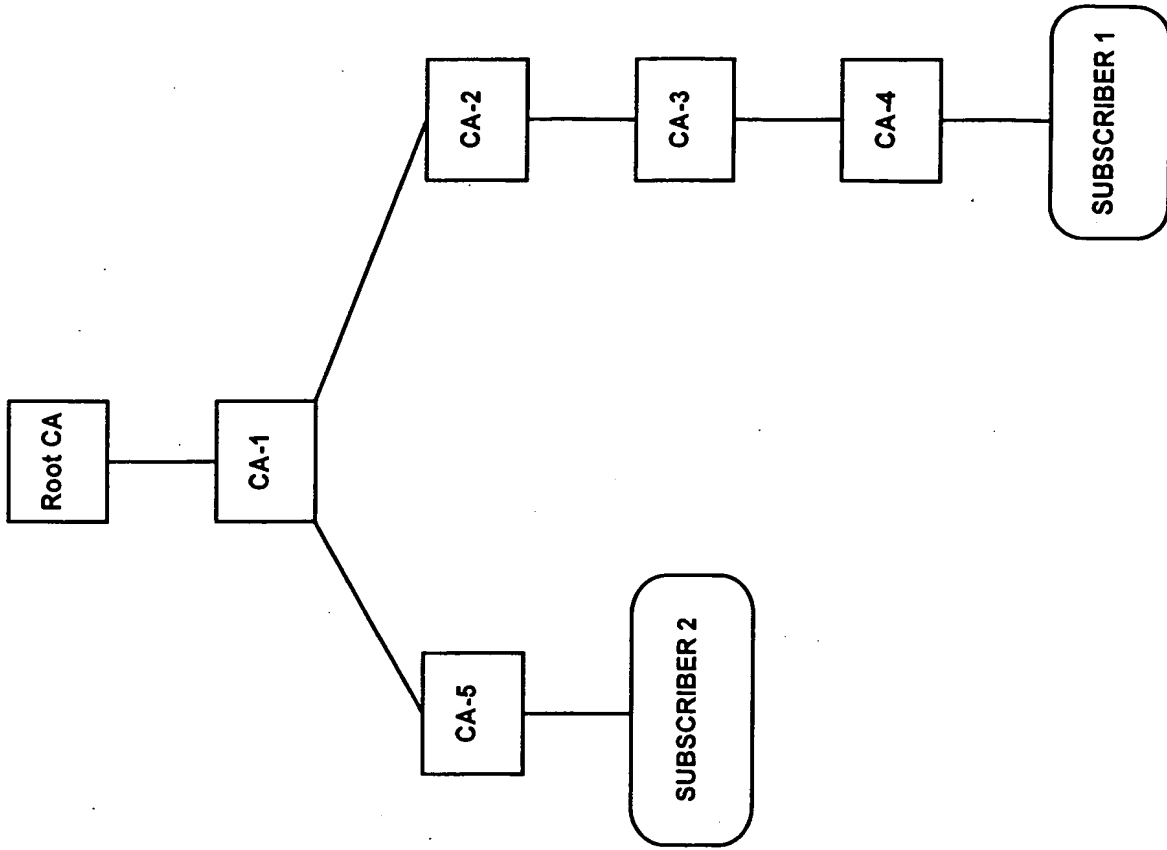
FIG. 1

Pln. of: ASAY et al.  
Master: 268225  
Group Art: 2132  
Examiner: M. Smithers

PILLSBURY MADISON & SUTRO LLP  
MCLEAN, VIRGINIA

X.509 Certificate							
Version Number	Certificate Serial Number	Algorithm Identifier	Certificate Issuer	Validity Period	Subscriber	Subscriber's public key information	Signature of Issuer

**Fig. 1**  
**Prior Art**



**Fig. 2**  
**Prior Art**

FIG. 20 "SUBSCRIBER 1"

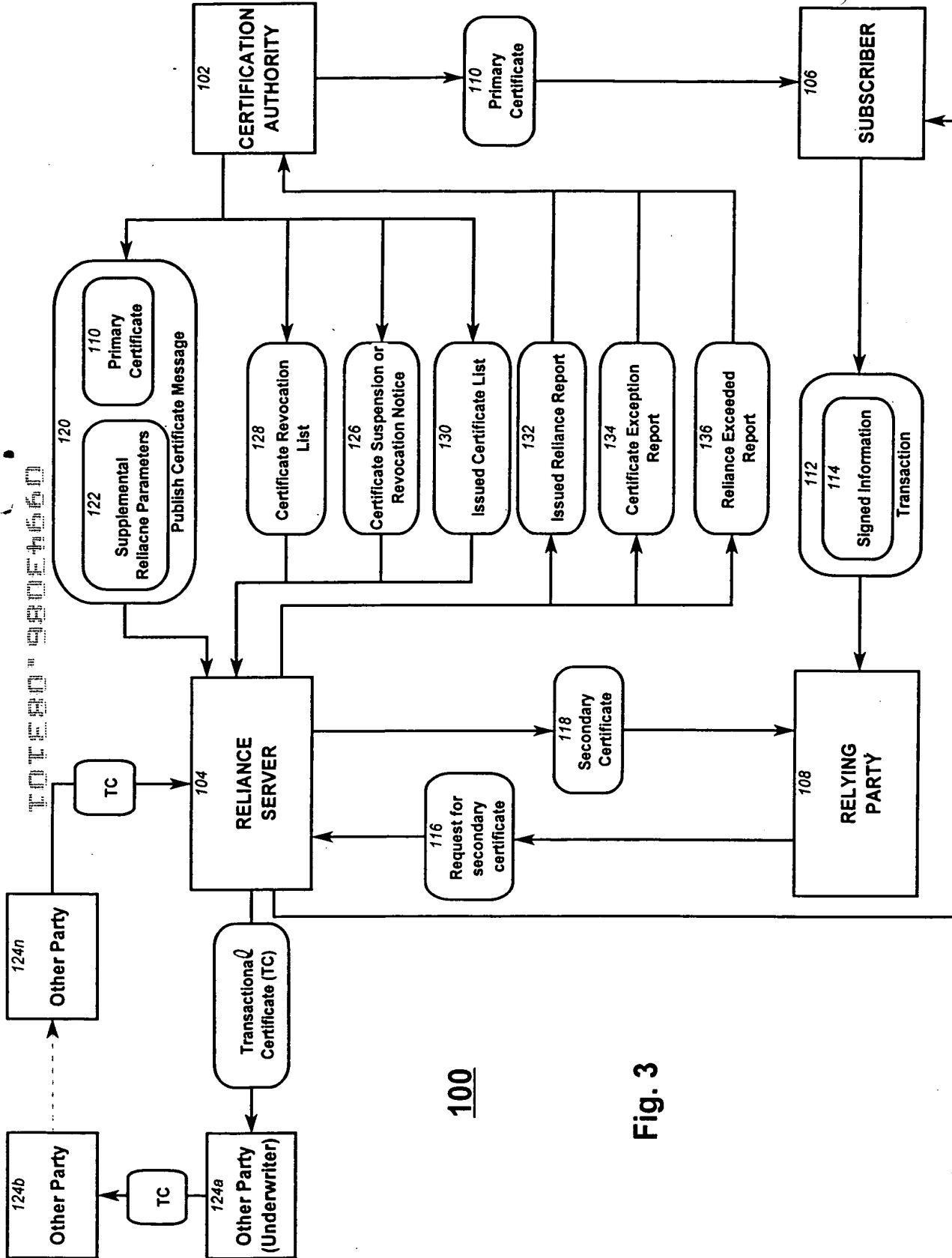


Fig. 3

TOTED" 030E460

# Fig. 4

CERTIFICATE VALIDITY DATABASE

Certificate	Status (valid, expired, revoked, suspended)	Supplemental assurance parameters	Links to account history and periodic reporting information
Cert-1	valid	p	1

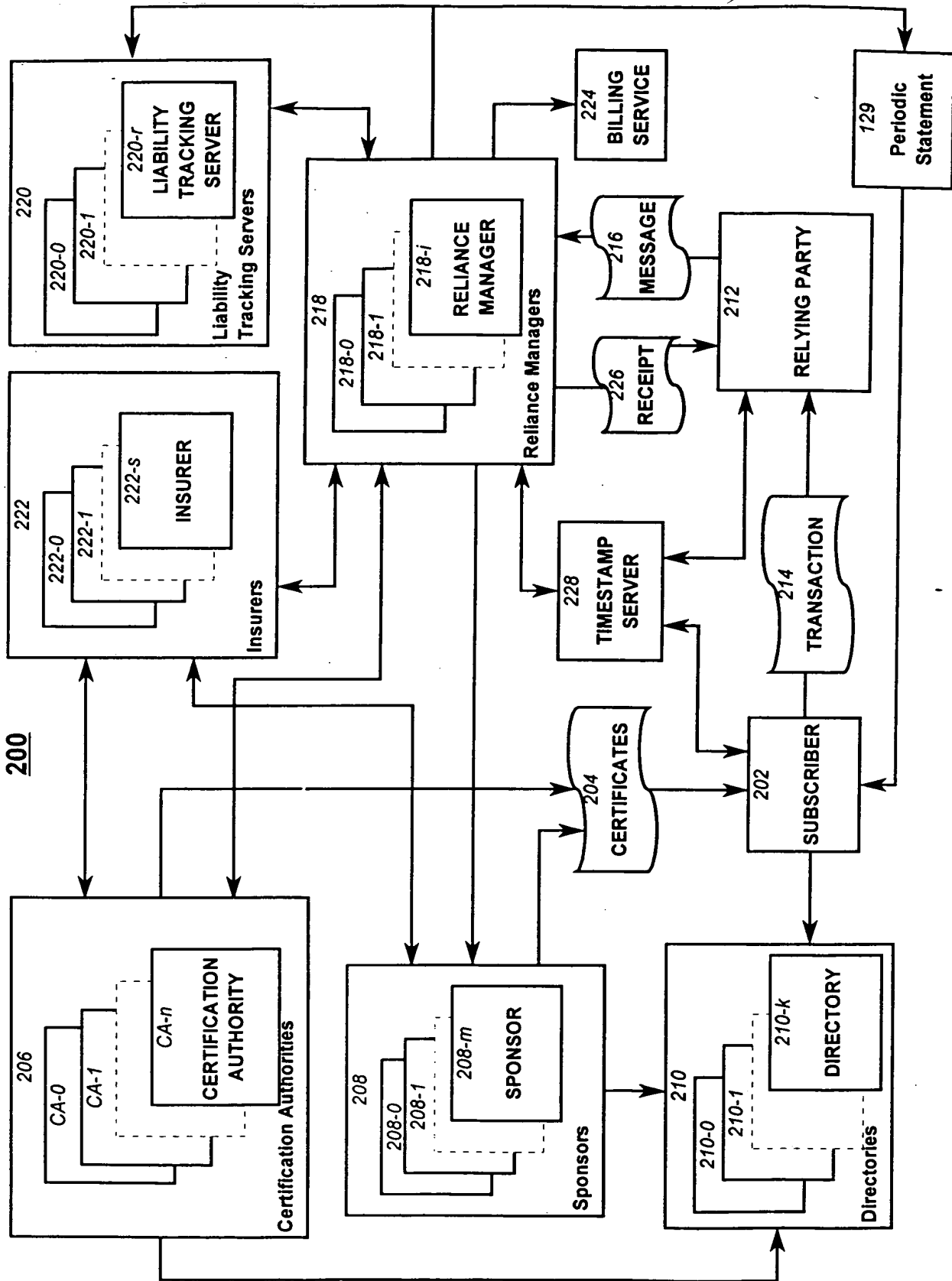
TABLE 380-380E4560

## Fig. 5

REQUEST MESSAGE 116

Field	Meaning
Certificate ID	Unique identifier for this certificate (issuer, serial number)
scope	local or global
relying party ID	The identity of the relying party
notification address	Address to notify for alerts relating to this certificate.
payment information	How this reliance check will be paid
monetary value	amount being relied upon
signed attributes	signed by subscriber (include purported monetary value)
Request type	The type of request (validation or reliability).

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99



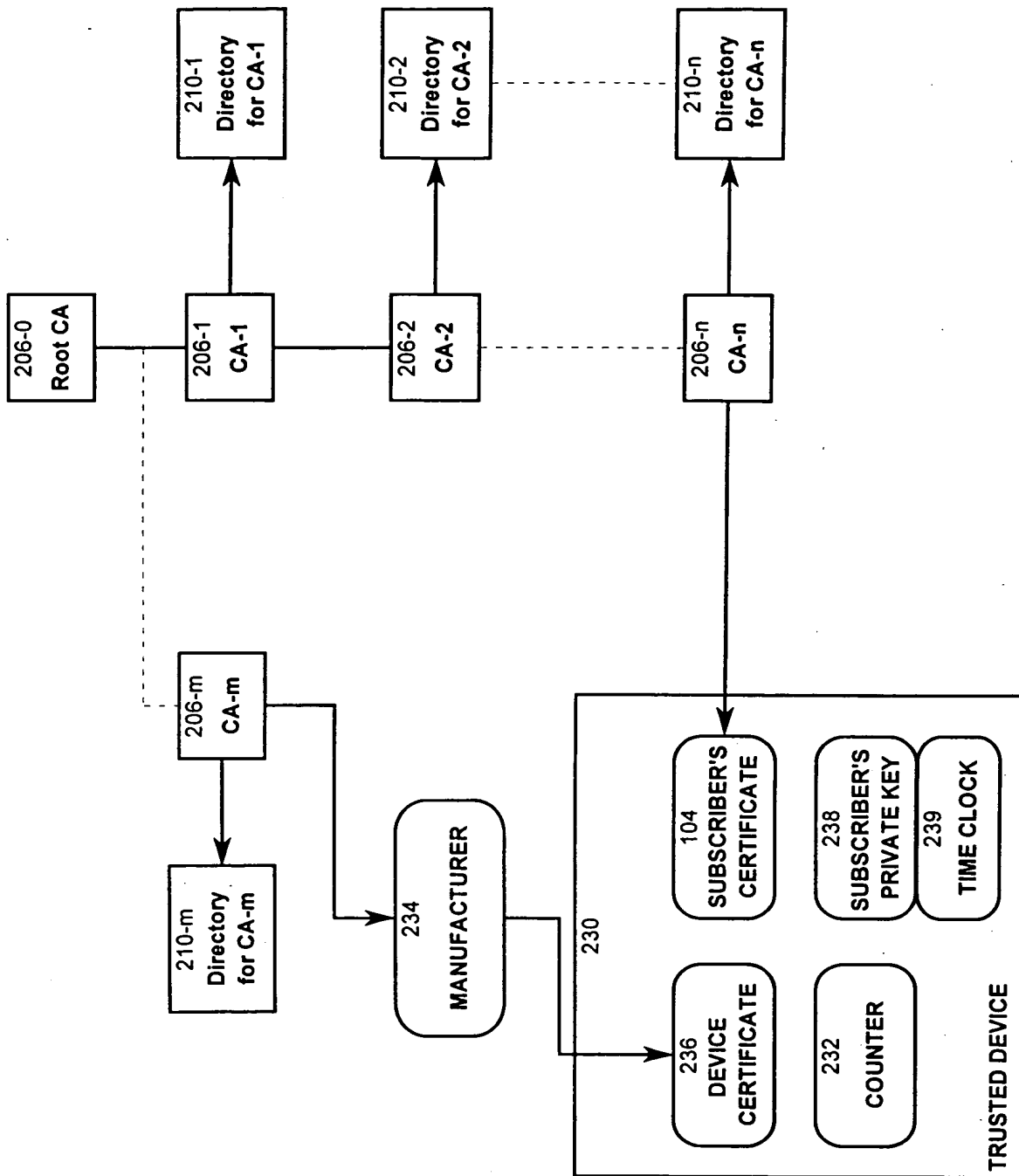
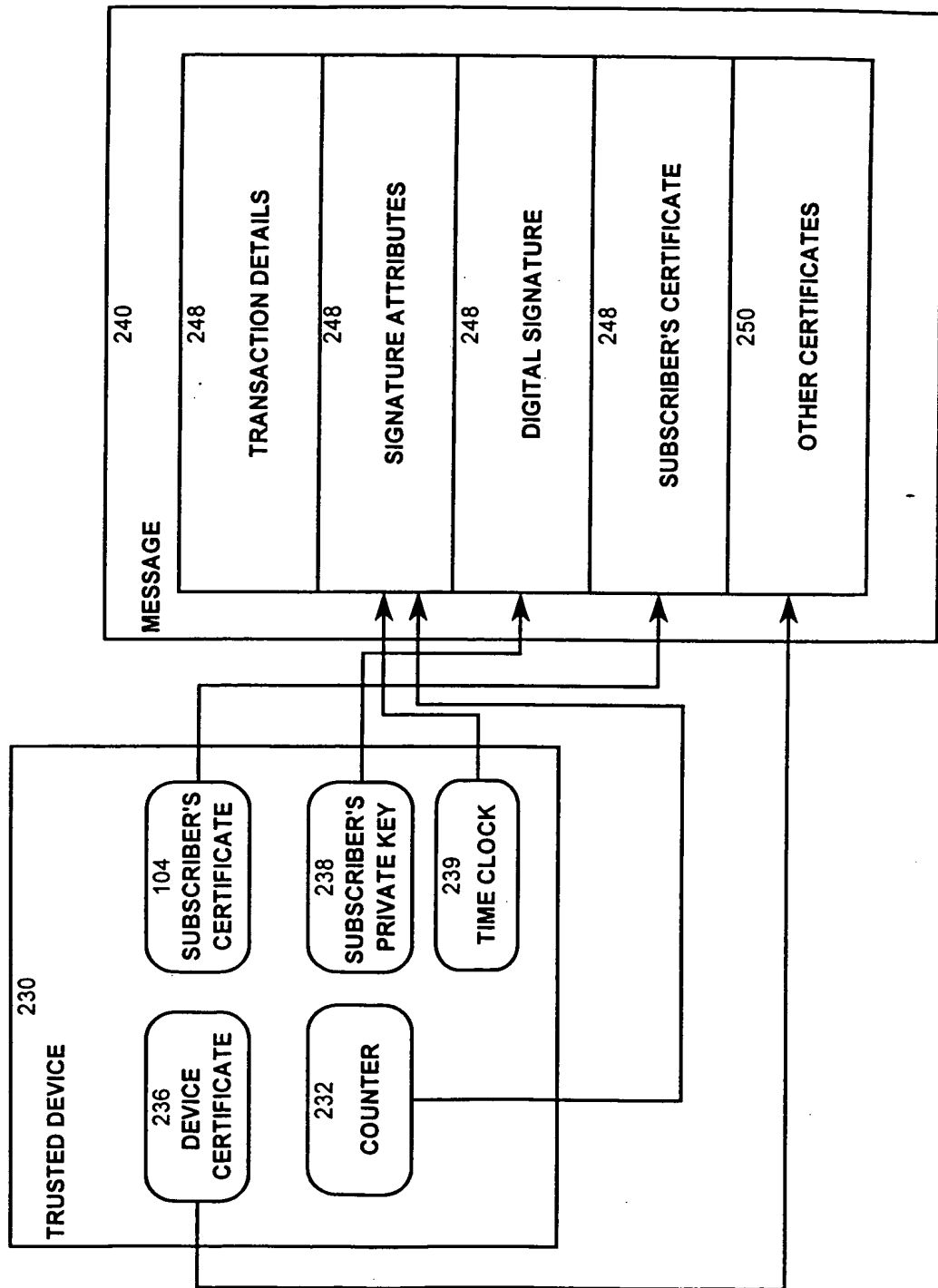


Fig. 7

FIG. 7

Fig. 8





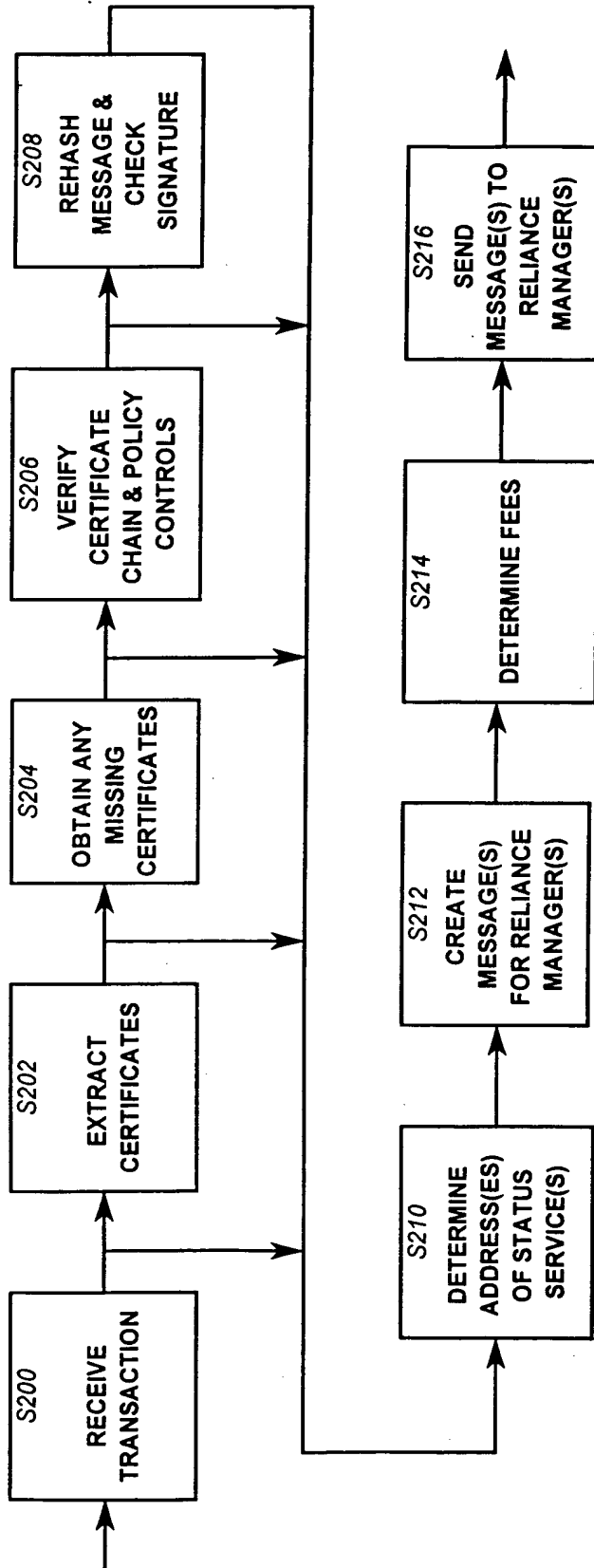
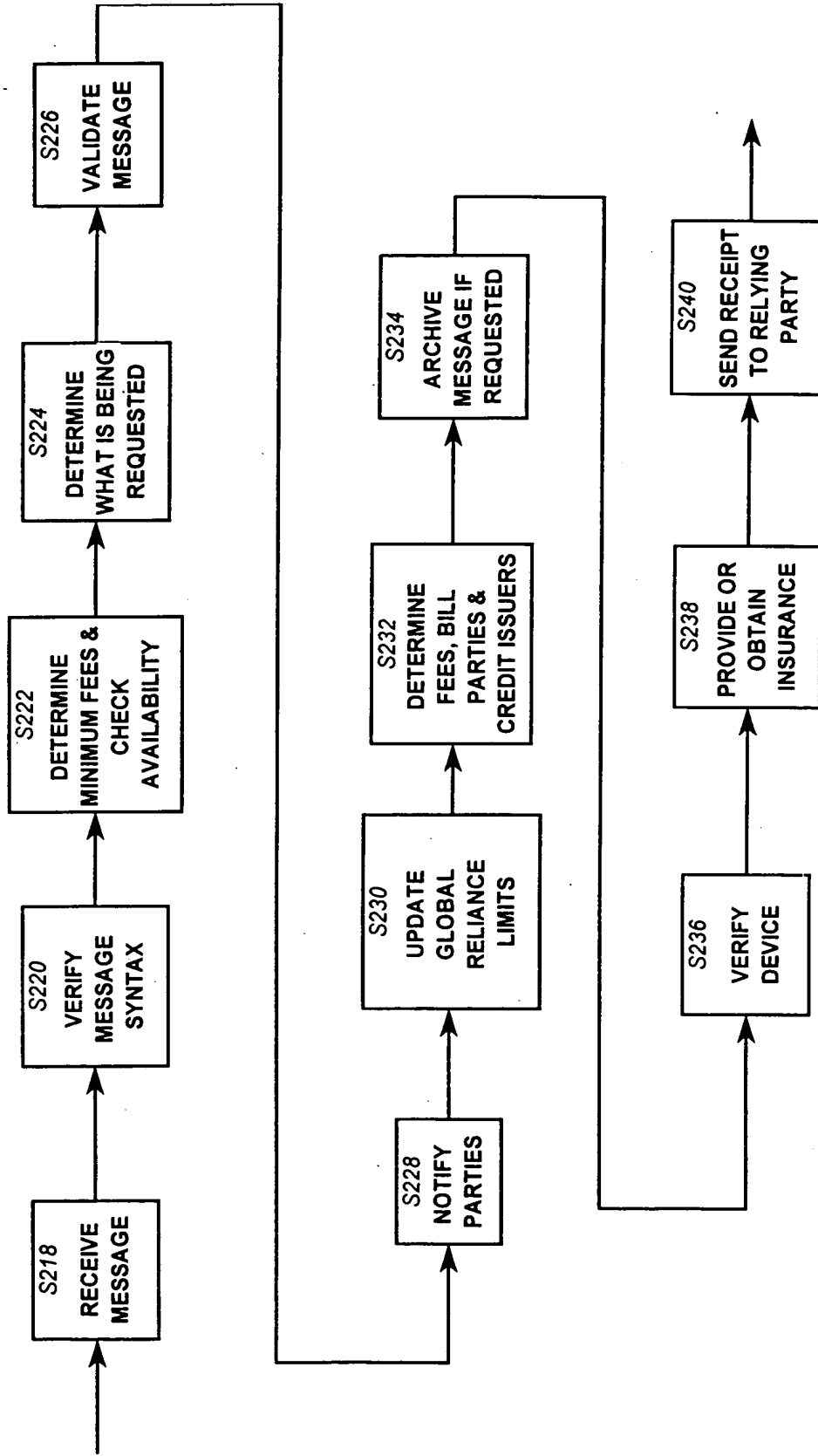


Fig. 9

Fig. 10



**Fig. 11**

U.S. Appln. of: ASAY et al.  
Matter: 268225  
Group Art: 2132  
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***X.509 Certificate Info***

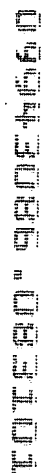
Version Number
Serial Number
Algorithm Identifier
Issuer Name (CA or Sponsor)
Validity Period
Subject Name
Subject Public Key

Subject's Authority Specification  
(Optional, see ANSI X9.45)

Default Reliance Limit (= \$0.05)
Name/Address of Status Check Service
Fee Schedule (SCM, RRM, OLG, Unrely)
Permission to Bill User/Third Party (Y/N?)
Third Party Name and Acct # (optional)

Signature of CA

09943086-083101



**Fig. 12**